DISPLAY ACTUAL CALENDAR DATES

To associate actual calendar dates with C-Days, click the left mouse button on any C-Day box at the top of the chart. (The C:0 day is most commonly used.) A prompt for the real date, for that C-Day, in DD-MON-YYYY format, is provided. Press < **RETURN**> after a date has been entered and the following notification message will appear. "Mouse documentation line now displays real day associated with given C-Day."

CHANGE DATE DISPLAY MODES

Once a calendar date has been entered, the user may toggle between two methods of displaying the calendar date equivalent by selecting **C-Day/Date Display Mode** from the Options menu of the TPFDD Editor Chart Display. This menu option allows the calendar date to appear in either of two places:

- On the mouse information line, whenever the mouse cursor is placed on a C-Day
- Beneath every C-Day, always displayed, formatted month/day.

While the calendar date is stored permanently with each TPFDD, the display choice remains only as long as the TPFDD Editor remains active.

4.3.4 Chart Display Menu Bar Options

The Chart Display has a series of menu options specific to this screen. These options are used to perform various operations involving the movement requirements, and to designate the grouping of movement requirements for operations.



Figure 4-8: Chart Display Menu Bar

The menu bar contains the following buttons:

Collection

(Only available after some records have been retrieved.) Provides operations for the entire collection of retrieved records.

Marked Records

Marked Records

This option activates a pop-up menu containing operations that either **Mark/Unmark** selected records of the current collection, or that operate upon the marked records. The options depend on whether any records have already been marked; and whether a Target TPFDD has been established.

The possible options in the activated pop-up menu are:

	Г				
•	Unmark All	Unmarks all requirements in the current collection.			
•	Mark All	Marks all requirements in the current collection.			
•	Toggle All	Marks all unmarked, and unmark all marked.			
•	Mark Inserted	Marks all of the recently inserted (copied or created) requirement the current collection. Their ReqID numbers are displayed in yel to differentiate them from the other requirements.			
•	List	Displays a pop-up menu containing a list of all marked requirement in the current collection.			
•	Delete	Deletes all marked entries from the TPFDD.			
•	Remove	Removes all marked entries from the current collection. This will not delete the records from the selected TPFDD.			
•	re	Copies all marked requirements within the selected TPFDD. After requirements have been copied, the system allows the definition of a new FM of the copied records, if desired.			
•	Renumber	Provides options for renumbering selected ULNs.			
•	ULN Details	Edits any of the data codes listed in the ULN Details menu, for al marked records. (See ULN Details, below)			
•	Split (Unsplit) Shipments	Splits (or unsplits, depending on the current state of the marked records) all of the marked ULNs.			
•	Copy to Target	Copies all marked requirements to the currently chosen target TPFDD. After requirements have been copied, the system allows the definition of a new force module of the copied records (This option is only visible if a target TPFDD has been selected).			

• *F11 Report* Produces F11 output for marked records. This output can also be produced, for the entire TPFDD, from the DART Main Menu.

The mouse buttons can also be used for marking individual and sets of records.

Create Records

Create Records

By selecting the "Create" button, one or more completely new ULN records may be created in the TPFDD.

Before doing so, however, values must be determined or established by the user for two fields:

Unit Type Codes (UTC) for the new ULNs

New ULNs are created based upon a UTC. Each set of new ULNs must all have the same UTC. ULNs with different UTCs must be created in separate operations. The specific UTC must be either of:

- A valid standard UTC listed in the current DART TUCHA file
- A non-standard entry ending in -99BB or -Z99.

If there is any doubt concerning valid TUCHA UTCs, check the TUCHA file using the **View** function. Non-existent or canceled UTCs (even if found in the TUCHA file) may cause errors.

Force Requirement Number (FRN) Sequence Numbers that should be applied

The FRN sequence number requires a four character "seed" sequence. Any letters/numbers may be used, except for:

- Any duplications of existing FRNs
- An I or O in any position
- Any W, X, or Y in the fourth position.

CAUTION: These constraints are derived from JOPES.

The following steps should be followed to create new ULNs:

- 1. Select Create Records button.
- 2. Enter the desired UTC.

- 3. Enter the starting FRN.
- 4. Enter the number of new records desired.
- 5. Confirm.
- 6. Determine whether the new records should be added to an existing FM; click the middle mouse button outside of the box for **NO**.

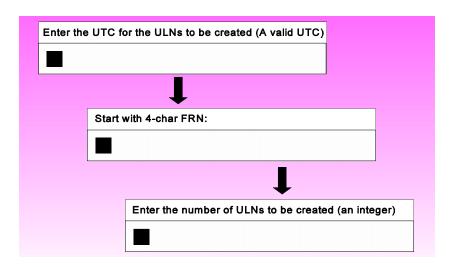


Figure 4-9: Creating ULNs

The newly created ULNs will be displayed at the end of the current collection, in yellow. To mark these, for easy reference, use the **Mark Inserted** command from the **Marked Records** Menu Button.

The newly created records:

- Will be set to **FIC=0** (standard cargo and pax)
- Will be **unsourced** (have no real unit data)
- Will have all movement symbols placed in the C:0 column (meaning no dates), and will have no GEOLOC codes set.

The normal TPFDD editing functions can be used to source the new records, to input the movement locations and dates, and to tailor the cargo data for the newly created records.

FM Edits

This button activates a pop-up menu of options which can edit, create, or dissolve Force Modules (FM) of the current TPFDD.

CAUTION: The **FM Edits** options are completely separate from the **FM Operation** (analysis) functions accessed via the **FM Icon**.

The FM Edits options are as follows; some provide further options for: **Collection**, **Marked**, **Typed in**, **ULNs**, **and FMs**:

• *Add to FM ...*

Adds records to an existing FM.

Remove from FM ...

Removes all records in current collection from an existing force module.

• Define FM

Defines new FM containing all records in current collection.

- Replace FM Contents
- Edit FM Text

After selecting an FM, displays a window for editing the FM narrative information (its title and description). (For editing, the cursor may be moved around using the mouse.)

• Dissolve FM...

Dissolves a FM, removes it (but not the associated records) from the database.

• Copy ReqIDs in FM

Copies the records in a FM to the current TPFDD, optionally creating a new in the TPFDD.

• Copy FM Membership

Creates new FMs with the same definition as previous.

- Rename FM
- Renumber FM

(RegIDs)

- Mark FM in Collection
- Copy FM to Target...

Copies the records in a FM to the target TPFDD (if selected).

• F11 Report

Produces an F11 report from a FM.

ReRead FMs

Re-reads the list of active FMs from the database.

Display SQL

Display SQL

This menu bar option displays the SQL statements used in the last retrieval in a small window. Click the left mouse button on "OK" to proceed. The same effect can be achieved via the SQL button on the Retrieval screen.

Express Retrieval

Express Retrieval

This menu bar option will bring up a pop-up menu of retrieval operations that may be performed on the database without accessing the full retrieval screen function. These options are as follows:

Re-execute Retrieval

Performs previously defined retrieval without going through the Retrieval screen. (Only appears after a retrieval.)

• Retrieve Entire TPFDD

Retrieves all movement requirements in the current TPFDD. This provides a rapid and easy way to view the entire TPFDD.

• Routine Retrievals ...

The Routine Retrievals option activates a pop-up menu of standard error checking retrievals which can be performed without the user having to create the retrieval from scratch. Each routine retrieval must be selected and run individually. Each one selected will query the TPFDD just like a standard user-created query.

Red Flags

Retrieves records with "red flag" error conditions.

• Force Modules ...

Retrieves by FM (using a pop-up menu list of all FMs).

Mark State

Mark State

Select this option to add a comment at the current position in the update history file.

CAUTION: This is not the same as the notes added to movement requirements records.

Options

Options

This button controls changes to the range or appearance of the TPFDD Chart Display, allows selection of conditions checked, and supports several other system options. This selection displays an Options Control Panel, with the following options. Options and conditions may be toggled on and off, or grid dimensions changed, with a mouse point and click operation. Exit by clicking the middle mouse button or pressing < **RETURN>** .

Options Control Panel							
System Options:							
☐ Check Geolocs in Geoloc Table							
☐ Display Real Dates for C-Days							
Grid Dimensions:							
12 Days across X 15 Records down							
Conditions Checked:							
☐ Geoloc for Unknown Location for AMC Move							
☐ Geoloc Not Air Installation for AMC Move							
☐ Geoloc Not Sea Installation for MSC Move							
☐ Non Conus Location for MTMC Move							
☐ Transportation Mode and Source for Conus SPOE Invalid							
☐ Shortfall (X = Providing Organization Code)							
☐ Parent (X = PIC)							
☐ In Place (Z = Mode of Transportation)							
☐ On Call (9999 in LAD or RDD)							
☐ Load Configuration Code Indicating Airdrop (=P)							
OK Cancel							

Figure 4-10: Options Control Panel

• System Options

This allows the user:

- To edit locations by searching through either the current GEOLOC list, or the entire GEOFILE table (rather than having to type in all changes). (See below for details.)
- To display real calendar date equivalents alongside the C-Days. This feature toggles between two methods of displaying the C-Day's calendar date. (The calendar date must have already been entered by clicking on any C-Day entry; see specific section on C-Days, above, for examples.)

• Grid Dimensions

The user may select the number of Days Across (C-Day columns displayed, minimum 10); and Records Down (requirements rows displayed, minimum 12).

NOTE: It may be necessary to use < CTRL-D> to delete and change the second digit of the grid dimensions.

CAUTION: The more days or records displayed, the easier it is to page, but the harder it is to read the data displayed; if there is too little room, GEOLOC codes will not show. Also: the system may occasionally accept improper numbers, producing undesirable displays.

• Conditions Checked

The Conditions Checked option displays a menu of conditions which, if selected, puts symbols to the left of the ReqID for which any of the checked conditions may be true. (See above, for the **Special ReqID Symbols**.)

CAUTION: These are not retrievals (as in Routine Retrievals, for example), but merely status indicators. These will apply to any and all collections retrieved.

4.3.5 View and Edit Data

Click the left mouse button directly on any of the display fields and symbols to view or edit associated data. In most cases, the user may perform edits either on individual requirements, on marked sets of requirements, or on the entire collection of requirements. When confirm/cancel options are offered, these may be selected by mouse click, or by keystroke (o-cOnfirm, a-cAncel). Click the middle mouse button (with the cursor not on any data) to exit from a pop-up containing display information.

EDIT REQID DATA

The following edit options are available in a pop-up menu by pointing at a ReqID and clicking the left mouse button. Several of these options may be used for editing most of the static data values associated with the movement requirements (that is, not including location and movement values). The **Characteristics** option may be used to edit values of ULNs, CINs, and PINs. The **ULN Details** option is best for editing several related ULNs, and is recommended for editing and sourcing newly created ULNs. The **Cargo Editor** option should be used for viewing and editing ULN cargo data.

Mark (Unmark)

Mark the selected requirement.

Add Note

Add Note

Free text remarks may be attached to any movement requirement. These remarks are DART unique, and remain with the TPFDD, but do not transfer to JOPES.

Click on any ReqID, and type. Existence of a note is shown by a note symbol.

To read an attached note, click the left mouse button on the note symbol. (Short notes also may be viewed in the mouse info panel when the Note Symbol is highlighted.)

Add ILOC

Add ILOC

Add an intermediate location for the selected requirement. (Only available if the requirement does not already have an intermediate location. Each requirement is only allowed one ILOC.)

Characteristics ...

Characteristics

Display static attributes of the selected requirement. These characteristics vary based on whether the requirement is a CIN, PIN, or ULN. Most of the characteristics are editable. To edit click the left mouse button on the name of a field. (ULNs are usually more easily edited via the **ULN Details** option.)

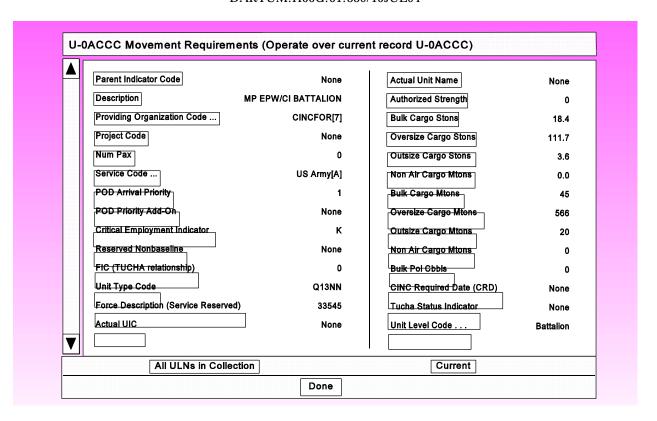


Figure 4-11: ULN Characteristics Menu

Note: A "Marked ULNs" button may appear to the left of the "All ULNs in Collection" button in the above figure when a marked ULN is selected.

The Characteristics Menu display provides several specialized Editing Functions:

- Fields may be nullified by entering "none."
- Any requirement may be converted to a "Shortfall" (unsourcing it) by entering an "X" in the PROVORG field. This nullifies the Unit Name, UIC, and Origin.
- ULNs may be made standard by entering a current valid UTC code in the UTC field.
 This changes the FIC to 0, and all cargo and passenger values are changed to those of the UTC in the TUCHA file.
- The Characteristics fields of multiple records may be edited with one operation, by FIRST selecting either the "Marked ULNs" (if appropriate) or "All ULNs in collection" button, and then entering the change data.

CAUTION: The All ULNs/Marked ULNs Button must be selected **before** making changes; and the Done button must be clicked at the conclusion of the process.

ULN Details

Virtually all data associated with ULNs may be changed by mouse click selection.

ULN Details

Left button - permits change

Right Button - resets field to original values.

Immediately below the "ULN Detail Display" line at the top of the screen there is a mouse information line. Explanations and definitions for the various field entries will be displayed for items highlighted by the mouse pointer. Additionally, mouse button functions are also defined.

To make a change to a desired field:

1. Click on the value to be changed, such as the pax, POE, C-Day, etc.

ULN Detail Display for ULN XXXX00									
Unit Information PIC: FIC: UIC:	UTC: ULC: Service:		Prov Org Auth Pers PAX:		Proj Code: CEI: TUCHA Stat:				
Force Description: Service Reserved: Actual Unit Name: Reserved Nonbaseline:									
Routing Information C-Days GEOLOCs: Mode: Source: Load Config: Discharge Con:									
POD Arrival Priority: POD Priority Add-on: POD On Call: ILOC Days Delay: ILOC Delay Code: ILOC Location:									
Cargo Information Bulk Cargo Oversize Cargo Outsize Cargo Non-Air Cargo	STONS N	ITONS	CBBLS						

Figure 4-12: ULN Details Edit Menu

- 2. If the field consists of a predefined set of values such as service, providing organization, mode, source, etc., a pop-up will appear allowing the user to click on the desired selection. If the field is not predefined, such as unit name, STONS, PAX, etc., a pop-up will appear allowing the user to enter the desired entry. If a GEOLOC is selected, a GEOLOC help pop-up appears and operates in the same fashion as clicking on a GEOLOC from the TPFDD Editor Chart Display.
- 3. To restore the entry or ULN to its original state, click on the changed entry using the right mouse button or click on the cancel button to cancel the process.
- 4. Click on "OK" to accept the changes.

CAUTION: In some fields DART will allow entries that do not meet JOPES standards and could cause problems when attempting to load changes to the mainframe. As an example, the project code field is limited to three characters, but DART will allow more than a three character entry. If in doubt, consult Appendix B in this manual for assistance.

Renumber Renumber ... Change the selected ULN ID to a new ULN. Delete Delete Delete the selected requirement from the TPFDD. This erases the requirement from the DART database. (A database rollback may recover any deleted requirements; see section on Update.) Remove Remove Remove the selected requirement from the current collection. removes the requirement from view, but not from the TPFDD. Scroll Scroll Bring the selected ULN to the top of the screen. FM Info FM Info Displays a list of all FMs which contain this movement requirement. Changes Changes

Displays a list of all changes involving the current movement

requirement.

Fragment Record

Fragment

Creates the desired number of "fragments" for the selected ULN (-A0, -B0, -C0, etc.) through a pop-up window requesting the number of fragments desired.

Note 1: Cargo information is retained by the "-A0" fragment.

Note 2: "Insert" records (-A1, -A2, -A3, etc) must be created from the "Marked Records" copy option or "Create Records" option.

Split (Unsplit) Shipments

Split Ship

Permits the associated ULN to be split into PAX and cargo elements; see the section on creating new records for details. When an already split ULN is highlighted, this option changes to Un-split Shipment, for combining two split shipments.

Cargo Editor ...

Cargo Editor

Transfers to the Cargo Editor, aligned to this specific movement requirement.

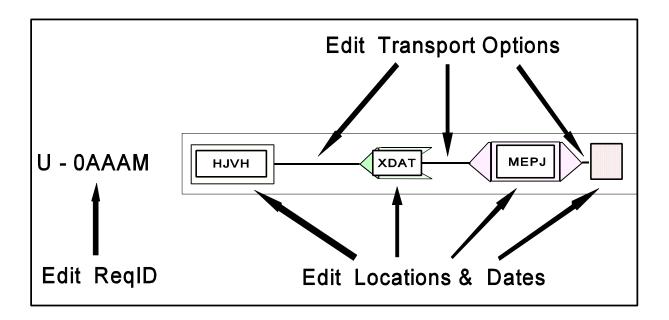


Figure 4-13: Edit Options

EDIT LOCATIONS AND DATES

Click the left mouse button on a location symbol to display a pop-up menu with a variety of options. The options displayed will depend on which particular location type is being edited.

An example of one of these pop-up menus, for an Origin location, is shown here:

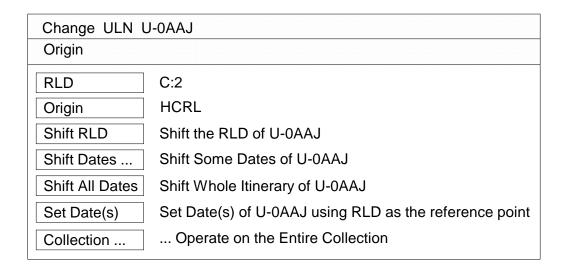


Figure 4-14: Pop-Up Menu for Origin Location

Available for All Locations

• Collection...

All of the options on current pop-up menu are available, but changes will effect the entire collection.

• Marked Records...

All of the options on current pop-up menu are available, but changes will effect the marked records only. (Only appears when at least one record is marked.)

Available for all but ILOC

• Shift Dates...

Shifts some dates of the selected movement.

· Shift All Dates

Shifts RLD, ALD, EAD, LAD, RDD for the selected movement.

• Set Date(s)

Sets date(s) of record(s) using the selected date as a reference point.

For Origin

- *RLD* Sets the RLD of the selected movement (ULN only).
- Origin

Sets the ORIGIN GEOLOC code of the selected movement (see section below on editing GEOLOCs).

• Shift RLD

Shifts the RLD of the selected movement (ULN only).

For POE

- *ALD* Sets the ALD for the selected movement.
- *POE* Sets the POE GEOLOC code for the selected movement (see section below on editing GEOLOCs).
- Shift ALD

Shifts the ALD of the selected movement.

For POD (left side of symbol)

- *EAD* Sets the EAD for the selected movement.
- *POD* Sets the POD GEOLOC code for the selected movement (see section below on editing GEOLOCs).
- Shift EAD

Shifts the EAD of the selected movement.

For POD (right side of symbol)

• *LAD* Sets the LAD for the selected movement.

• On Call

Sets on-call status for the selected movement.

- *POD* Sets the POD GEOLOC code for the selected movement (see section below on editing GEOLOCs).
- Shift LAD

Shifts the LAD of the selected movement.

For Destination (DEST)

• RDD

Sets the RDD for the selected movement.

• On Call

Sets on-call status for the selected movement.

Destination

Sets the Destination GEOLOC code for the selected movement (see section below on editing GEOLOCs).

• Shift RDD

Shifts the RDD of the selected movement.

For ILOC

• ILOC

Sets the ILOC GEOLOC code for the selected movement.

Days Delay

Enters the days delay for the selected movement at ILOC.

Delay Code

Selects the delay code for the selected movement from a subsequent pop-up menu.

· Location Code

Selects the location code (Before POE, Between POE and POD, After POD) for the selected movement from a subsequent pop-up menu.

• Remove ILOC

Removes the ILOC code and its associated data for the selected movement.

For the above options which shift dates, a prompt will appear for the number of days to shift by; enter the number and press < **RETURN**>.

CLICK AND DRAG DATE CHANGES

As an alternative to menus, all date settings of movement requirements may be adjusted by using only the mouse (called "Click and Drag"). The steps to follow are:

- 1. Click and release the RIGHT mouse button on the symbol to be moved. An outline box forms and an information pop-up box appears "Click on C-Day to change < date> ".
- 2. Drag the outline box to the desired new date (either along the same row, or on the C-Day row.
- 3. Click either the left or right button to select that date. (The middle mouse button cancels the move.)
- 4. The symbol will be repositioned at the chosen location.

CAUTION: Where multiple symbols share one date box, they may all move when any of the symbols are dragged **the first time**; but on later drags only one symbol will be marked and moved. Also, if moving to a date beyond the current screen limits, click on the horizontal scroll bar, and the window dates will shift.

CHANGING GEOLOC CODES

A GEOLOC code may always be changed by clicking on the appropriate GEOLOC code on the TPFDD editor display to obtain the edit locations and dates pop-up menu. In the pop-up menu click on the GEOLOC code button (origin, POE, POD, etc.) to obtain the GEOLOC search menu shown in the figure below. This menu list the available GEOLOC codes used in the current TPFDD and offers the user editing and help options.

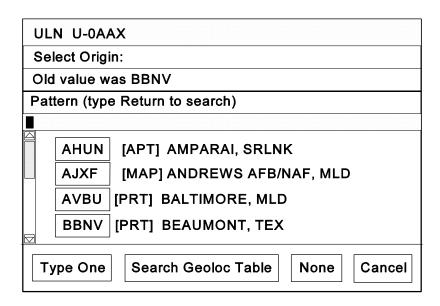


Figure 4-15: GEOLOC Search Menu

At this point the user may:

- Click on the desired GEOLOC code displayed.
- Select *Type One*, and type in the desired four-character GEOLOC code.
- Type in a search string pattern, press < **RETURN**>, and the current GEOLOC list will be searched for entries with that pattern. Clicking on one of these will replace the current location code with "selected location code."
- Select *Search GEOLOC Table*, and a further pop-up box will appear, for entering a search pattern for searching the entire GEOLOC table. See the following paragraphs.
- Select *None*, and the current code will be deleted with no replacement; the entry will be set to null.
- *Cancel*, exits the process.

GEOLOC TABLE SEARCH

If the Search GEOLOC Table option is selected, this box appears:

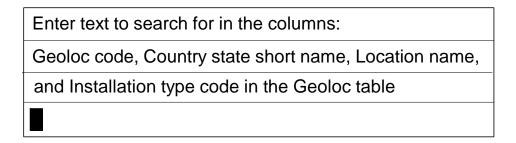


Figure 4-16: GEOLOC Table Pattern Search

Any search string entered at this point will be used to search through four columns of the GEOLOC table: the 4-character GEOLOC code, the 5-character country-state short name, the 3-character installation type code, and the full location name.

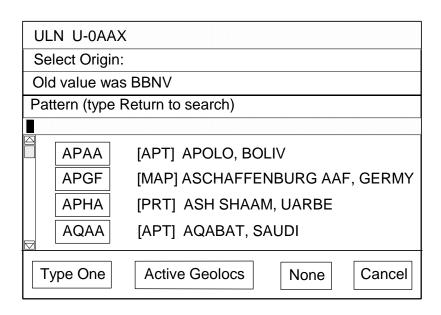


Figure 4-17: GEOLOC Table Search Using "AA"

Any rows meeting the search criteria in any column will be presented, sorted by GEOLOC code. Any of these may be selected to replace the existing location code.

There is no way to restrict the search to only one of these columns, and there is no way to create a more complex retrieval (like trying to query on two separate columns with separate search strings). Any more complex retrievals must be made using the GEOLOC View function directly.

Wildcards (% and _) may be used.

CAUTION: All caveats applying to the View GEOLOC function apply here. Expect unexpected results.

As an example, a search string of "AA" might return the list shown in the figure above. Note that the search string may appear in any of the columns of data. Also, the pop-up menu box provides a set of options which now includes *Active Geolocs*, permitting the user to return to the original menu selections.

EDIT TRANSPORT OPTIONS

These options are available when the mouse is pointed at a **channel** (line connecting two location types) on the Chart Display screen, and the left button is clicked. Sub-Menus permit selection of new values. Definition of values will appear as the mouse pointer is placed over the current values.

Mode Click on the button indicating the desired mode.

Source Click on the button indicating the desired source.

Load Configuration

Click on appropriate button (Not applicable for Origin to POE channel.)

Discharge Constraints

Click on appropriate button (Not applicable for Origin to POE channel.)

Collection...

All of the options on current pop-up menu are available, but changes will effect the entire collection

Marked... All of the options on current pop-up menu are available, but changes will effect the marked records only. (Only appears when at least one record is marked.)

Don't change this field

Use for preventing changes to the selected field when making other changes to a collection or marked records.

4.4 HOW TO CREATE NEW TPFDDS

The **Target TPFDD** option of the TPFDD Editor provides several possibilities for creating new TPFDDs, and for performing major modifications of existing TPFDDs.